

Converting Colors

YUV(117.8440, 23.2479,
-36.6972)

Have a look what the booklet for
YUV(117.8440, 23.2479, -36.6972)
contains.

YUV(117.8440, 23.2479, -36.6972)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.8440, 23.2479,
-36.6972)**

Conversions

Conversions Part 1

Format	Color
Hex	4C82A5
RGB	76, 130, 165
RGB Percent	30%, 51%, 65%
CMY	0.7020, 0.4902, 0.3529
CMYK	0.54, 0.21, 0.00, 0.35
HSL	204°, 37%, 47%
HSV	204°, 54%, 65%
XYZ	17.7547, 20.2184, 38.5641
YIQ	117.8440, -43.4190, -0.5630

Conversions

Conversions Part 2

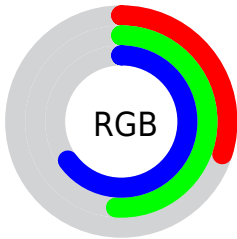
Format	Color
R_{YB}	76, 110, 165
Decimal	5014181
CIE _{Lab}	52.08, -7.64, -24.12
CIE _{LCh}	52, 25.301, 252.423
Yxy	20.2184, 0.2320, 0.2642
Android (android.graphics.Color)	4283204261 (0xFF4C82A5)
YUV	117.8440, 23.2479, -36.6972
Hunter-Lab	44.9648, -8.2066, -19.3746

Details

The YUV color **117.8440, 23.2479, -36.6972** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **123.1560, -23.2479, 36.6972**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6700, 23.8267, -35.6676**, and **63.7180, 24.2960, -46.2337** is the 20% darker color. If you saturate the color by 10%, you get **109.2390, 27.4902, -44.0596**, and if you desaturate by 10%, it is **126.1500, 19.1531, -29.9495**.

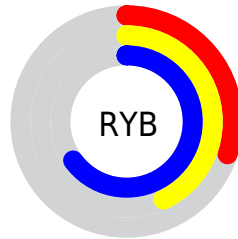
Distribution



Red (30%)

Green (51%)

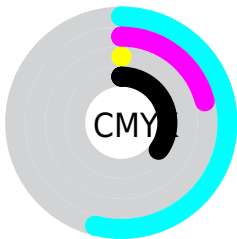
Blue (65%)



Red (30%)

Yellow (43%)

Blue (65%)

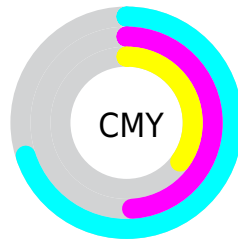


Cyan (54%)

Magenta (21%)

Yellow (0%)

Black (35%)



Cyan (70%)

Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8440, 23.2479, -36.6972 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 117.8440, 23.2479, -36.6972 by changing the saturation by 10% instead.

■ 117.8440, 23.2479,
-36.6972

■ 117.8440, 23.2479,
-36.6972

■ 255.0000, 0.0000,
0.0000

■ 91.8330, 23.2533,
-38.4415

■ 171.6700, 23.8267,
-35.6676

■ 63.7180, 24.2960,
-46.2337

■ 198.8980, 24.7003,
-35.8675

■ 44.0780, 21.6535,
-38.6564

■ 225.2760, 14.6539,
-33.5681

■ 28.5420, 17.9738,
-25.0313

■ 243.0400, 5.8963,
-24.5911

■ 13.7070, 14.4414,
-12.0210

■ 252.0100, 1.4741,
-6.1478

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 117.8440, 23.2479,
-36.6972

■ 117.8440, 23.2479,
-36.6972

■ 109.2390, 27.4902,
-44.0596

■ 126.1500, 19.1531,
-29.9495

■ 100.3460, 31.8744,
-50.2924

■ 135.3420, 14.6214,
-23.1019

■ 92.0400, 35.9693,
-57.0401

■ 143.6480, 10.5265,
-16.3543

■ 82.8480, 40.5009,
-63.8877

■ 152.8400, 5.9949,
-9.5067

■ 77.5100, 43.1326,
-67.9763

■ 161.1460, 1.9000,
-2.7590

■ 170.3380, -2.6316,
4.0886

■ 178.6440, -6.7265,
10.8362

■ 187.8360,
-11.2581, 17.6838

■ 196.1420,
-15.3530, 24.4315

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



111.9470, 20.2391, -51.6965



117.8440, 23.2479, -36.6972



123.7160, 20.8460, -12.9059

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



117.8440, 23.2479, -36.6972



126.5530, -5.2026, 35.4720



119.6660, -13.6393, -11.9851

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



117.8440, 23.2479, -36.6972



123.1560, -23.2479, 36.6972

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



122.1800, -19.8087, 6.8581



117.8440, 23.2479, -36.6972



125.7240, -14.6539, 33.5681

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



117.8440, 23.2479, -36.6972



127.2560, 5.2968, 27.8395



123.5780, -20.0050, 23.1721



115.7050, -2.8126, -31.3133

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



117.8440, 23.2479, -36.6972



126.1910, 17.1608, 2.4635



123.5780, -20.0050, 23.1721



120.3140, -16.4238, -5.5374

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



117.8440, 23.2479, -36.6972



196.2030, 8.7739, -14.2100



132.1190, -10.9047, -49.2164



96.3240, 5.2633, -8.1771



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



117.8440, 23.2479, -36.6972



140.1540, 36.4061, -57.1401



92.0160, 35.9811, -14.0460



76.9610, 2.4842, -3.4738



68.1860, 37.8693, -59.7991



8.5090, 4.6791, -7.4624

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



108.7670, 10.4679, 49.3163



126.1370, 16.2015, 77.0559



148.9840, -35.9811, 14.0460



76.2610, 0.8573, 5.0331



53.3870, 17.0642, 80.3446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 117.8440, 23.2479, -36.6972 looks on a white background.

Color Contrast Check

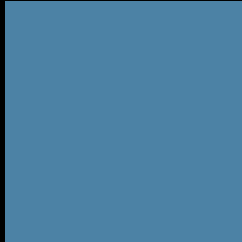
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 117.8440, 23.2479, -36.6972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

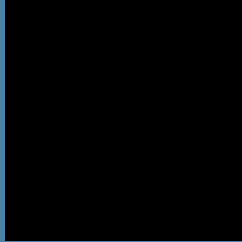
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 117.8440, 23.2479, -36.6972

Background



This preview shows how black text looks on a background with the YUV color 117.8440, 23.2479, -36.6972.

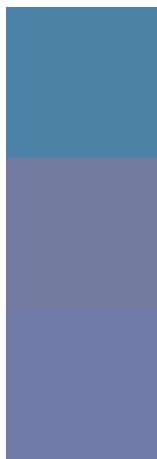


This preview shows how white text looks on a background with the YUV color 117.8440, 23.2479, -36.6972.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

117.8440, 23.2479, -36.6972

Protanopia

123.8260, 17.3408, -8.6174

Deuteranopia

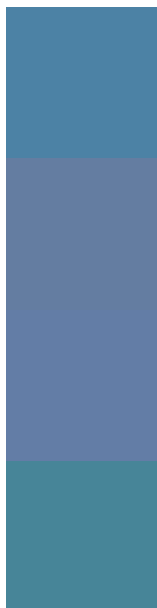
124.1400, 21.1300, -10.6468



Tritanopia

115.4060, 14.0968, -41.5751

Trichromacy



Original Color

117.8440, 23.2479, -36.6972

Protanomaly

121.6290, 19.4099, -18.9686

Deuteranomaly

121.9000, 21.7413, -20.0833

Tritanomaly

116.6280, 17.4384, -40.0158

Monochromacy



Original Color

117.8440, 23.2479, -36.6972

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8010, 8.4791, -12.9805

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8440, 23.2479, -36.6972 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(76, 130, 165)` looks like.

```
.text, #text, p{  
    color:rgb(76, 130, 165)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(76, 130, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 130, 165) }
```

Border

The CSS property to change the border of an element to YUV 117.8440, 23.2479, -36.6972 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(76, 130, 165) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(76, 130, 165) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(76, 130, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 130, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 130, 165);  
box-shadow:4px 4px 4px 4px rgb(76, 130,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 117.8440, 23.2479, -36.6972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 130, 165) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(76, 130,  
165) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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